

Confidence level

Specifies the confidence level, which is a value between 0 and 1. The default value is 0.95.

Calculate residuals

Specifies whether to calculate residuals.

Force intercept to be zero

Specifies whether to force the regression intercept to be 0.

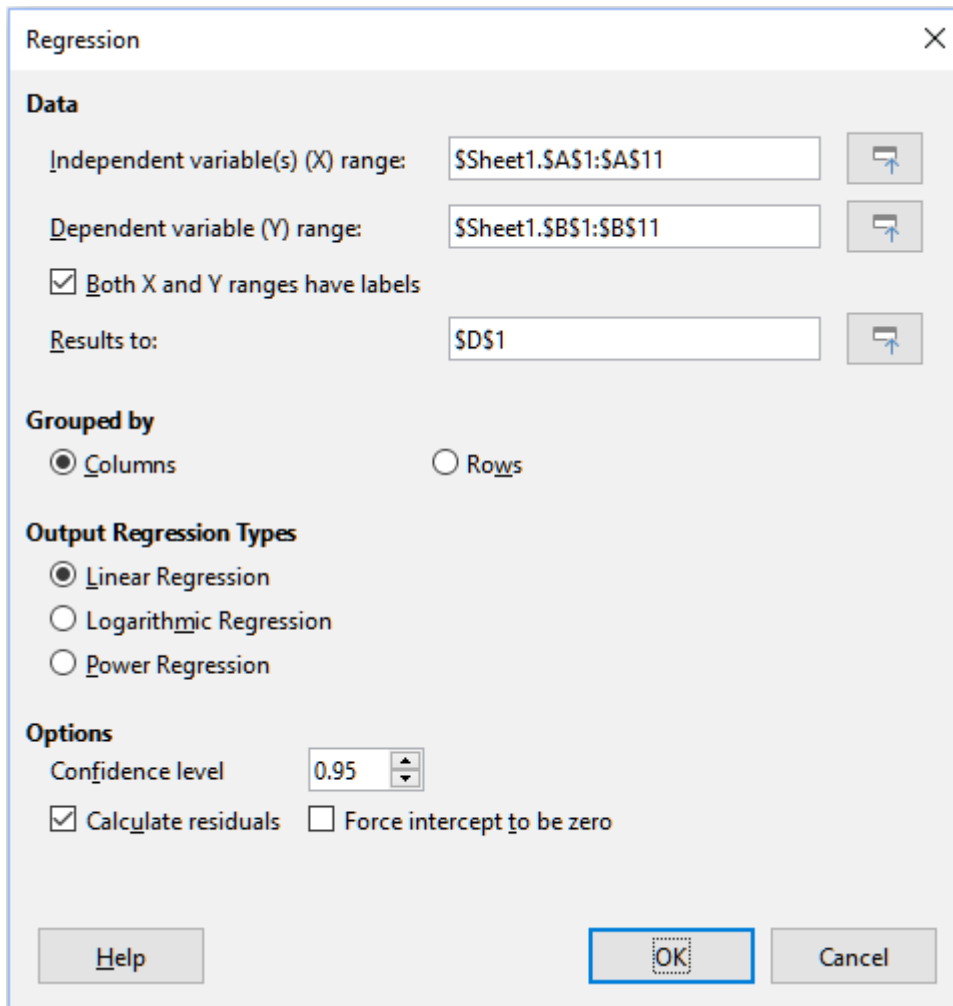
The image shows the 'Regression' dialog box in a spreadsheet application. It has a title bar with a close button (X). The dialog is divided into several sections: 'Data' with fields for 'Independent variable(s) (X) range' (set to '\$Sheet1.\$A\$1:\$A\$11'), 'Dependent variable (Y) range' (set to '\$Sheet1.\$B\$1:\$B\$11'), a checked checkbox for 'Both X and Y ranges have labels', and a 'Results to' field (set to '\$D\$1'). Each of these three fields has a small 'Shrink / Expand' icon to its right. The 'Grouped by' section has two radio buttons: 'Columns' (selected) and 'Rows'. The 'Output Regression Types' section has three radio buttons: 'Linear Regression' (selected), 'Logarithmic Regression', and 'Power Regression'. The 'Options' section has a 'Confidence level' spinner set to '0.95', a checked checkbox for 'Calculate residuals', and an unchecked checkbox for 'Force intercept to be zero'. At the bottom are three buttons: 'Help', 'OK' (which is highlighted with a blue border), and 'Cancel'.

Figure 347: Regression dialog

Tip

Use the **Shrink / Expand** buttons next to the *Independent variable(s) (X) range*, *Dependent variable (Y) range*, and *Results to* fields if you need to shrink the dialog while selecting cells with the mouse.

Tip

Calc utilizes the small, otherwise blank area above the **Help**, **OK**, and **Cancel** buttons to provide feedback on erroneous selections on the dialog. For example, the text “Independent variable(s) range is not valid.” appears if you have not entered a valid cell range in the *Independent variable(s) (X) range* field, and in this circumstance the **OK** button is grayed.